

**AMERICAN INTERNATIONAL
UNIVERSITY-BANGLADESH**
Faculty of Science and Technology



Assignment Cover Sheet

Assignment Title:	Automated Testing using Selenium		
Assignment No:	01	Date of Submission:	20 March 2024
Course Title:	Software Quality and Testing		
Course Code:	CSC4721	Section:	B
Semester:	Spring	2023-24	Course Teacher: Abhijit Bhowmik

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FACULTY COMMENTS	Marks Obtained	
	Total Marks	

❖ **Automated Testing:** The testing conducted by machine or tools is called Automated Testing.

Here, “Selenium” tool is used for testing the features of our web-based project “Restaurant Management System”.

There are 4-types of Users in our project. They are-

- Customer
- Admin
- Delivery Man
- Manager

In this project the “**Customer**” has the following features:

- Registration
- Login
- Logout
- Forgot Password
- Update Profile
- Update Password
- Place Order
- Search Items
- Add to Cart, Remove from Cart
- Confirm Order & See Total Bill
- Notification (Order Progress, Delivery Man Information)
- Order History
- Give Reviews
- File a Complaint to Admin

In this project the “**Admin**” has the following features:

- Login
- Logout
- Forgot Password
- Update Profile
- Update Password
- View All Information (Customer, Delivery Man, Manager)
- Recruit Manager
- Ban Customer
- Add/Delete/Update Menu
- View All Customer Order List
- Manage Resign Application
- See Customer Complaints

In this project the “**Delivery Man**” has the following features:

- Login
- Logout
- Forgot Password
- Update Profile
- Update Password
- Order Notification
- See Order List & Take Order
- Confirm Delivery
- Delivery History & Earnings
- Resign

In this project the “**Manager**” has the following features:

- Login
- Logout
- Forgot Password
- Update Profile
- Update Password
- Recruit Delivery Man
- View All Delivery Man
- Overview of Total Revenue
- Update Stock
- Approve Customer Review

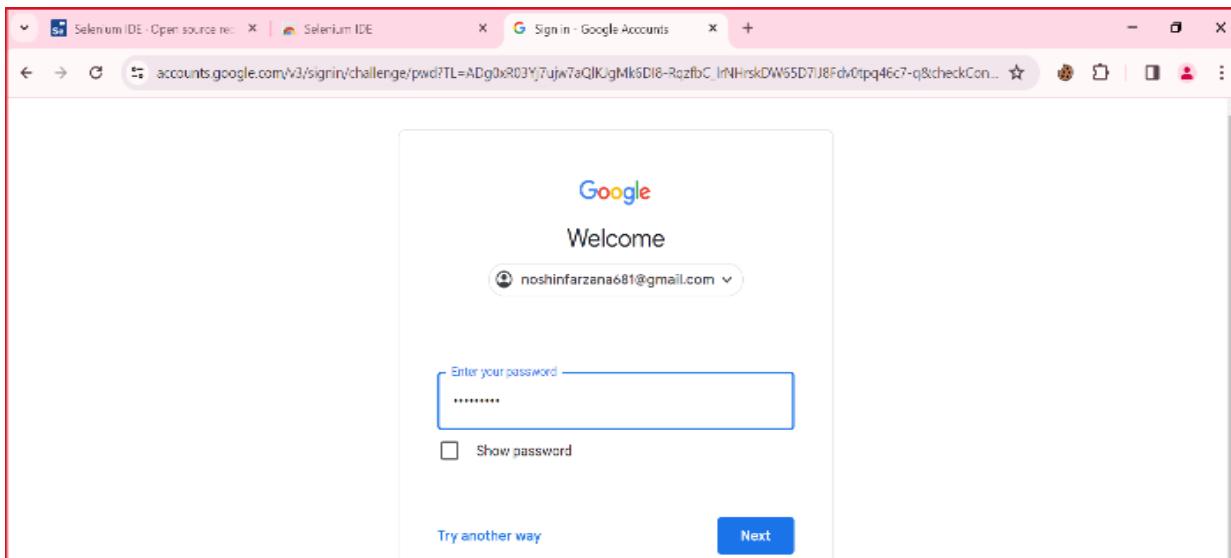
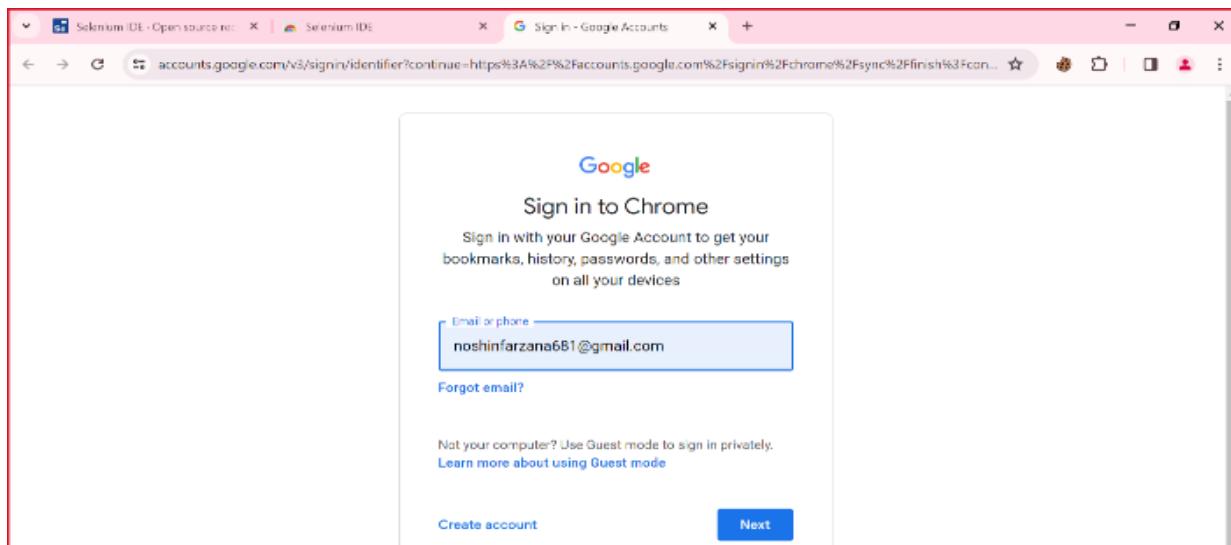
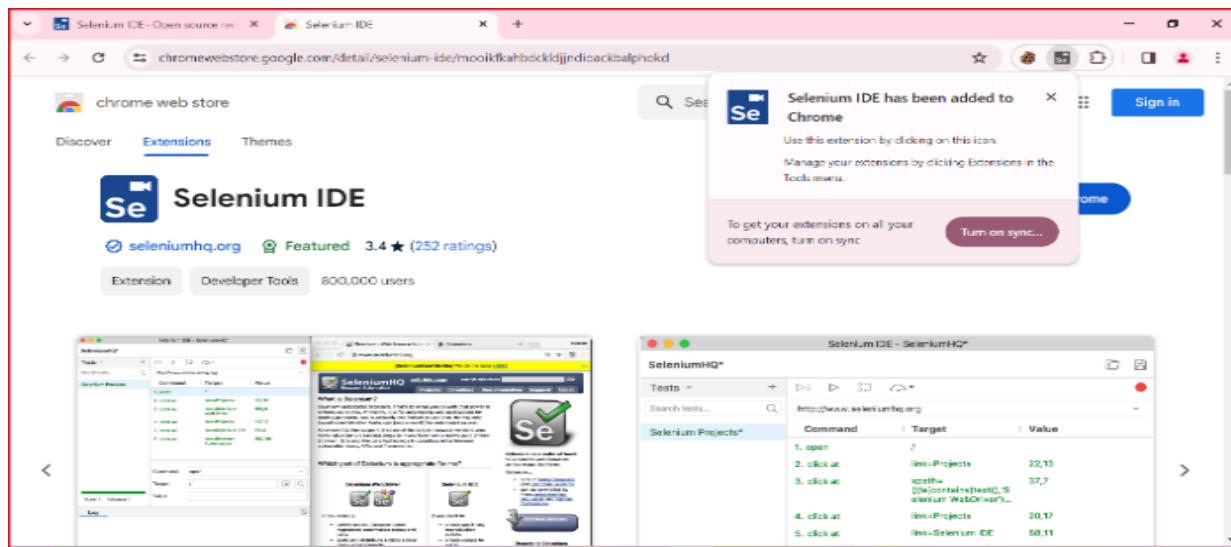
❖ **Steps of Automated Testing using Selenium:**

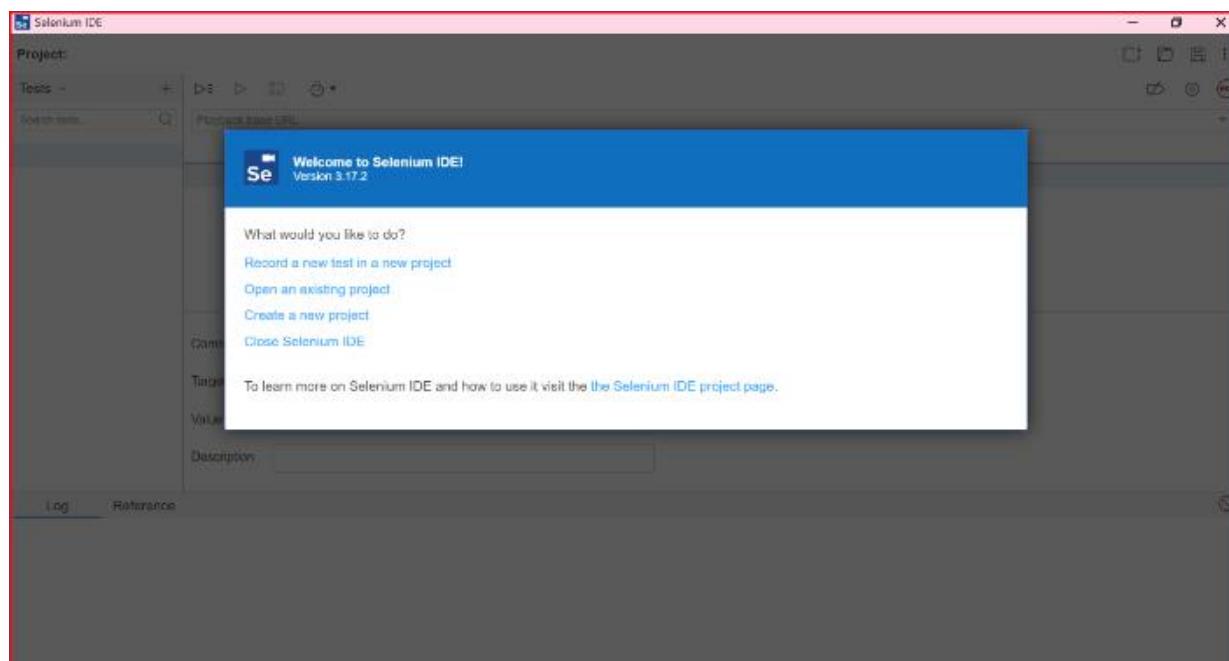
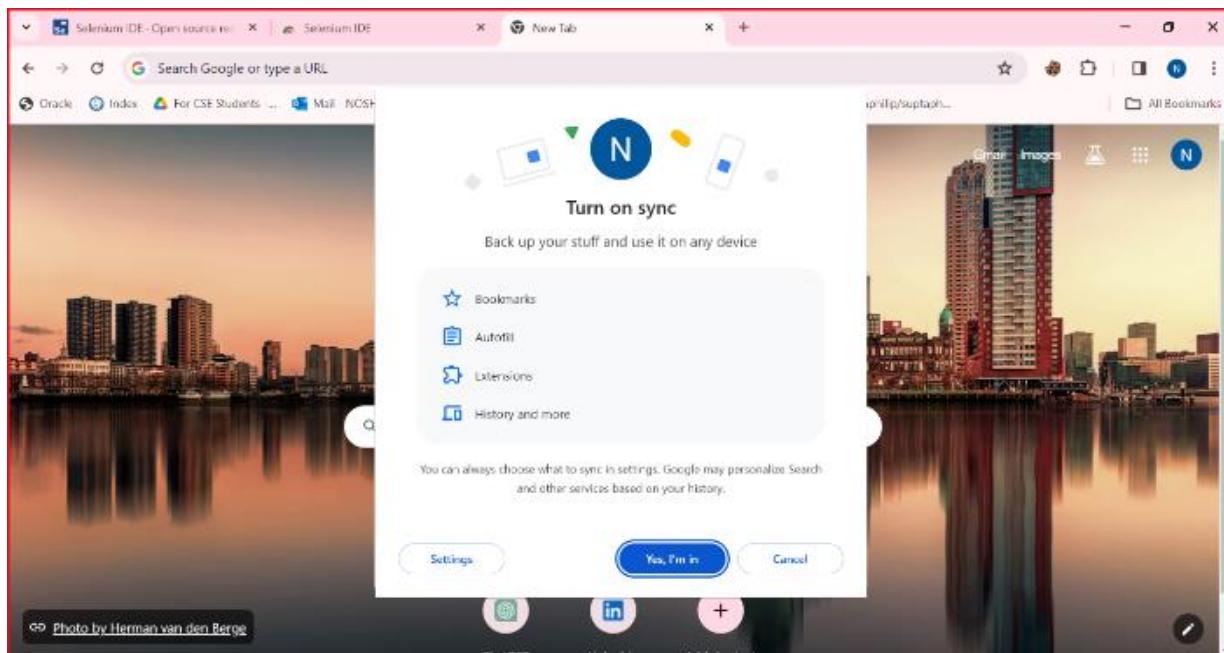
➤ **Setup Selenium IDE**

First of all, Selenium IDE was downloaded, and the extension was added in the Chrome Browser. Then, logged into the Gmail account to start working on the IDE.

The screenshots illustrate the steps to set up Selenium IDE:

- Selenium IDE - Open source test automation for the web**: The homepage of the Selenium IDE project. It features three main benefits: "Web Ready", "Easy Debugging", and "Cross-browser Execution".
- Selenium IDE Extension**: The Selenium IDE extension page in the Chrome Web Store. It shows a rating of 3.4 stars from 252 reviews and over 800,000 users. The "Add to Chrome" button is prominently displayed.
- Add 'Selenium IDE'?**: A modal dialog box from the Chrome Web Store asking if the user wants to add the extension. It lists the extension's capabilities: "Access the page debugger backend", "Read and change all your data on all websites", and "Manage your downloads".





A project named “Restaurant Management System” was created in the Selenium IDE. Then, the project was run through the XAMMP Control Panel and the URL of it was provided in the Selenium IDE to record the activities during test.

The screenshot displays two windows related to the Selenium IDE. The main window shows the 'Name your new project' dialog box, which has 'Restaurant Management System' entered into the 'PROJECT NAME' field. Below the dialog, the Selenium IDE interface is visible, featuring tabs for 'Log' and 'Reference'. A secondary window shows a web browser displaying the 'Login Page' of a website named 'PRIMROSE'. The URL in the browser is 'localhost/RestaurantManagement...'. To the right of the browser, the Selenium IDE shows the 'Set your project's base URL' dialog box, with the 'BASE URL' field containing the value 'localhost/RestaurantManagementSystem%20-%20Customer/view/sign-in.php'. The 'START RECORDING' button is visible at the bottom of this dialog.

➤ Run Test Cases

Here, all the screenshots of testing steps performed in Selenium IDE are attached below-

Test Case 1: Register to the System (Customer)

At first, a new test case named “Register to the System” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Registration. After that, the Registration procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot shows the Selenium IDE interface with the following details:

Selenium IDE - Restaurant Management System*
Project: Restaurant Management System

Add new test case

TEST CASE NAME: Register to the System

Commands recorded:

Step	Command	Target	Value
9	click	name=rememberMe	
10	click	id=login	

Tests

Test Description	Command	Target	Value
✓ Add New Item to the Menu*	type	name=email	noshinfarzana681@gmail.com
✓ Add food items to the Cart*	click	name=address	Mohammadpur
✓ Approve Review*	type	name=dob	2001-11-30
✓ Check Order History*	click	name=religion	Islam
✓ Confirm order from the Cart*	type	name=username	Eriz
✓ File a Complaint to Admin*	click	name=password	12345678
✓ Food Review*	type	name=cpassword	12345678
✓ Forgot Password*	select	name=religion	label=Islam
✓ Logout from the System*	click	name=username	Eriz
✓ Register to the System*	click	name=password	12345678
✓ Search for food items*	type	name=cpassword	12345678
✓ Take Order and Confirm Delivery*	click	name=cpassword	12345678
✓ Update Stock*	type	name=cpassword	12345678
✓ Verify Login with invalid Email and Passw			
✓ Verify Login with valid Email and Passw			

Registration Page
localhost/RestaurantM...
PRIMROSE
Where Good Food Meets Great Moments

Registration Page form fields:

- Full Name: Noshin Farzana Eri
- Phone Number: 0172930004
- Email: noshinfarzana681@gmail.com
- Address: Mohammadpur
- Date of Birth: 30-Nov-2001
- Religion: Islam
- Username: Eriz
- Password: ****
- Confirm Password: ****
- Create Account

Selenium IDE status bar: • Selenium IDE is recording...

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests	+	Search tests...	http://localhost/	-	X																												
✓ Add New Item to the Menu*																																	
✓ Add food items to the Cart*																																	
✓ Approve Review*																																	
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Test Case 2: Verify Login with valid Email and Password (Customer)

At first, a new test case named “Verify Login with valid Email and Password” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Login. After that, the Login procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays the Selenium IDE interface. A 'Rename test case' dialog box is open in the foreground, prompting the user to enter the test case name 'Verify Login with valid Email and Password'. In the background, a browser window shows the PRIMROSE restaurant's login page. The page features a pink-themed interior with a counter, stools, and a small table. The login form includes fields for Email and Password, a 'Forgot Password?' link, a 'Stay Logged-in' checkbox, and a 'Login' button. Below the form are links for 'Don't have an account?' and 'Register Now!!!'. The browser status bar indicates 'Selenium IDE is recording...'. The Selenium IDE tool bar at the top includes icons for file operations, search, and help.

The screenshot shows the Selenium IDE interface with a recorded test case list. The list contains the following steps:

Command	Target	Value
✓ open	/RestaurantManagementSystem%20-%20Customer/view/sign-in.php	
✓ set window size	857x616	
✓ click	id=email	
✓ type	id=email	noshirfarzana681@gmail.com
✓ click	name=password	

The background shows the PRIMROSE customer home page, which features a cartoon chef character and a navigation menu with options like 'Place Order', 'Cart', 'Notification', 'Order History', and 'Reviews'. The Selenium IDE tool bar at the top includes icons for file operations, search, and help.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + | D | D | O | O | X

Search tests... Q http://localhost

Untitled

✓ Verify Login with valid Email and Password

	Command	Target	Value
1	✓ open	/RestaurantManagementSystem%20-%20Customer/view/sign-in.php	
2	✓ set window size	857x816	
3	✓ click	id=email	
4	✓ type	id=email	noshifarzana681@gmail.com
5	✓ click	name=password	

Command:

Target:

Value:

Description:

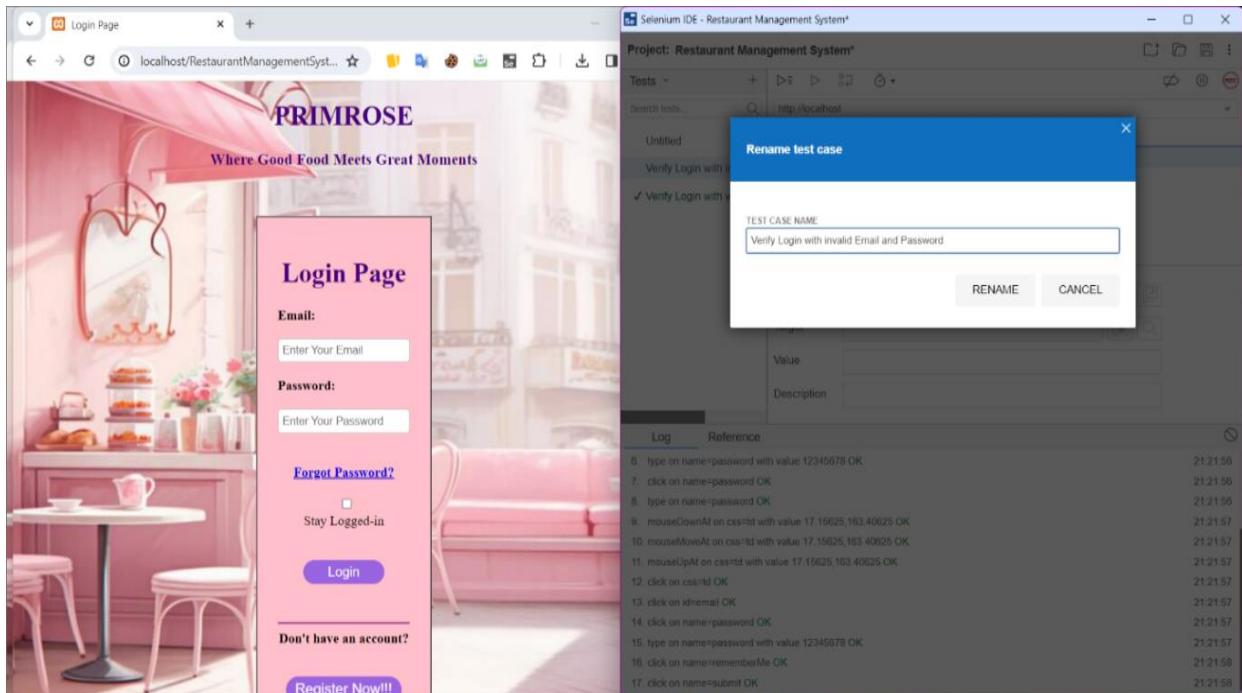
Log Reference

Step	Action	Time
6.	type on name=password with value 12345678	OK 21:21:56
7.	click on name=password	OK 21:21:56
8.	type on name=password	OK 21:21:56
9.	mouseDownAt on css=id with value 17.15625,163.40625	OK 21:21:57
10.	mouseMoveAt on css=id with value 17.15625,163.40625	OK 21:21:57
11.	mouseUpAt on css=id with value 17.15625,163.40625	OK 21:21:57
12.	click on css=id	OK 21:21:57
13.	click on id=email	OK 21:21:57
14.	click on name=password	OK 21:21:57
15.	type on name=password with value 12345678	OK 21:21:57
16.	click on name:rememberMe	OK 21:21:58
17.	click on name=submit	OK 21:21:58

'Verify Login with valid Email and Password' completed successfully 21:21:58

Test Case 3: Verify Login with invalid Email and Password (Customer)

At first, a new test case named “Verify Login with invalid Email and Password” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Login. After that, the Login was denied for providing invalid email and password. Finally, the recording was stopped and the test case was run successfully.

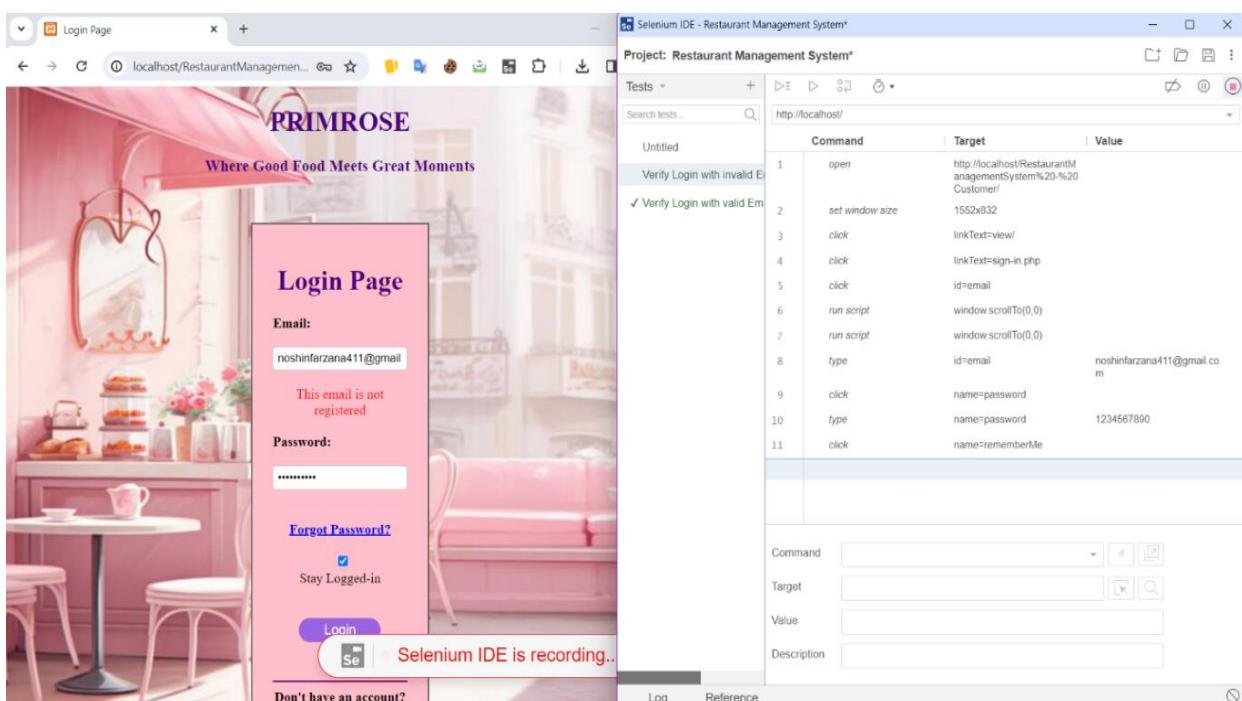


The screenshot shows the Selenium IDE interface with the following details:

- Selenium IDE - Restaurant Management System*** window title.
- Project: Restaurant Management System*** project name.
- Tests** dropdown menu.
- Untitled** test case listed.
- ✓ Verify Login with invalid Email and Password** test case listed.
- Rename test case** dialog box open, showing the TEST CASE NAME field with the value "Verify Login with invalid Email and Password".
- Log** tab selected, displaying the recorded test steps:

 - type on name=password with value 12345678 OK
 - click on name=password OK
 - type on name=password OK
 - mouseDownAt on css=tit with value 17.15625,163.40625 OK
 - mouseMoveAt on css=tit with value 17.15625,163.40625 OK
 - mouseUpAt on css=tit with value 17.15625,163.40625 OK
 - click on cs=tit OK
 - click on id=email OK
 - click on name=password OK
 - type on name=password with value 12345678 OK
 - click on name=rememberMe OK
 - click on name=submit OK

- Reference** tab selected, showing the recorded test steps again.



The screenshot shows the Selenium IDE interface with the following details:

- Selenium IDE - Restaurant Management System*** window title.
- Project: Restaurant Management System*** project name.
- Tests** dropdown menu.
- Untitled** test case listed.
- ✓ Verify Login with invalid Email and Password** test case listed.
- Log** tab selected, displaying the recorded test steps.
- Reference** tab selected, showing the recorded test steps again.
- Browser Preview**: Shows the **PRIMROSE** login page with the following details:
 - Email:** noshinfarzana411@gmail.com
 - Password:**
 - Forgot Password?**
 - Stay Logged-in** checkbox checked.
 - Login** button.
 - Don't have an account?**
 - Register Now!!!**
- Status Bar**: Shows the message "Selenium IDE is recording..".

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests	+	▷ ⚡	▷ ⚡	⟳	⟳	✖
Untitled						
✓ Verify Login with invalid Email and Password		Search tests...	Q	http://localhost/		✖
✓ Verify Login with valid Email and Password						
Command	Target	Value				
1. ✓ open	http://localhost/RestaurantManagementSystem%20-%20Customer/					
2. ✓ set window size	1552x832					
3. ✓ click	linkText:view/					
4. ✓ click	linkText=sign-in.php					
5. ✓ click	id=email					

Command

Target

Value

Description

Log Reference

Step	Details	Time
1.	open on http://localhost/RestaurantManagementSystem%20-%20Customer/ OK	21:37:18
2.	setWindowSize on 1552x832 OK	21:37:18
3.	click on linkText:view/ OK	21:37:18
4.	click on linkText=sign-in.php OK	21:37:19
5.	click on id=email OK	21:37:20
6.	runScript on window.scrollTo(0,0) OK	21:37:21
7.	runScript on window.scrollTo(0,0) OK	21:37:22
8.	type on id=email with value noshinfarzana411@gmail.com OK	21:37:23
9.	click on name=password OK	21:37:24
10.	type on name=password with value 1234567890 OK	21:37:25
11.	click on name=rememberMe OK	21:37:26
12.	click on name=submit OK	21:37:27
	'Verify Login with invalid Email and Password' completed successfully	21:37:28

Test Case 4: Logout from the System (Customer)

At first, a new test case named “Logout from the System” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Logout. After that, the Logout procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The image consists of two screenshots. The top screenshot shows the Selenium IDE interface with a modal dialog titled "Add new test case". The "TEST CASE NAME" field contains the text "Logout from the System". Below the dialog are buttons for "ADD" and "CANCEL". The background shows a list of existing tests: "Untitled", "✓ Verify Login with i...", and "✓ Verify Login with v...". The bottom screenshot shows a web browser window for "Customer Home" at "localhost/RestaurantManagement...". The page features a cartoon chef character on the left. At the top, it says "PRIMROSE" and "Where Good Food Meets Great Moments". A purple navigation bar on the right includes "Profile" and "Logout" buttons. The main menu items are "Place Order", "Cart", "Notification", "Order History", and "Reviews".

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + ▶ ⏪ ⏴ ⏵ ⏷ ⏸ ⏹ ⏺ ⏻ ⏻ ⏻

Search tests... http://localhost/

✓ Logout from the System*

	Command	Target	Value
Untitled	7 ✓ click	name=password	
✓ Verify Login with invalid Email	8 ✓ type	name=password	12345678
✓ Verify Login with valid Email	9 ✓ click	name=rememberMe	
	10 ✓ click	name=submit	
	11 ✓ click	css=c:nth-child(3) > button	

Command: createCommand copy copyAsText

Target: createTarget copy copyAsText

Value:

Description:

Log Reference

Running 'Logout from the System'

Step	Time
1. open on http://localhost/RestaurantManagementSystem%20-%20Customer/ OK	21:44:21
2. setWindowSize on 1552x832 OK	21:44:22
3. click on linkText=view OK	21:44:22
4. click on linkText=sign-in.php OK	21:44:22
5. click on id=email OK	21:44:23
6. type on id=email with value noshinifarzana681@gmail.com OK	21:44:23
7. click on name=password OK	21:44:23
8. type on name=password with value 12345678 OK	21:44:24
9. click on name=rememberMe OK	21:44:24
10. click on name=submit OK	21:44:24
11. click on css=c:nth-child(3) > button OK	21:44:24

'Logout from the System' completed successfully

Test Case 5: Forgot Password (Customer)

At first, a new test case named “Forgot Password” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Forgot Password. After that, the Forgot Password procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot shows the Selenium IDE interface with a modal dialog titled "Add new test case". In the "TEST CASE NAME" field, the value "Forgot Password" is entered. Below the dialog, the main interface displays a list of existing tests: "Logout from the System*", "Untitled", "Verify Login with invalid Email", and "Verify Login with valid Email".

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + ▶ ▷ ⏪ ⏩ ⏴ ⏵

Search tests... http://localhost/

✓ Logout from the System*
Untitled
✓ Verify Login with invalid Email
✓ Verify Login with valid Email

Add new test case

TEST CASE NAME
Forgot Password

ADD CANCEL

PRIMROSE
Where Good Food Meets Great Moments

Password Assistance

Email:
noshinfarzana681@gmail.com

Continue

Go Back

About Us

Address: Level - 9, Dhammika Building, Colombo 07
Phone: 01711011111

Selenium IDE is recording...

At Primrose, we are dedicated to crafting extraordinary dining experiences for our guests.
Established in 2003, we have set out on a culinary journey to bring the finest flavors, exceptional service, and a welcoming ambience.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + ▶ ▷ ⏪ ⏩ ⏴ ⏵

Search tests... http://localhost/

Forgot Password*

Command	Target	Value
1 open	http://localhost/R	estaurant!Manage
2 ze	window si	1536x816
3 click	linkText=view/	
4 click	linkText=sign-in.p	hp
5 click	css=a > b	
6 click	id=email	
7 type	id=email	noshinfarzana681@gmail.com
8 click	name=submit	
9 click	id=email	
10 type	id=email	noshinfarzana681@gmail.com

Command

Target

Value

Description

Log Reference

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + http://localhost/

Command	Target	Value
Forgot Password*		
✓ Logout from the System*	click	linkText=view/
Untitled	click	linkText=sign-in.php
✓ Verify Login with invalid Email	click	css=a > b
✓ Verify Login with valid Email	type	id=email noshinfarzana681@gmail.com
	click	name=submit
	click	id=email
	type	id=email noshinfarzana681@gmail.com
	click	name=submit
	click	name=dob 2001-11-30
	click	name=password
	type	name=password 123456789
	click	name=cpassword A
Command		
Target		
Value		
Description		

Log Reference

• Selenium IDE is recording...

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + http://localhost/

Command	Target	Value
Forgot Password*		
✓ Logout from the System*	click	id=email noshinfarzana681@gmail.com
Untitled	type	id=email noshinfarzana681@gmail.com
✓ Verify Login with invalid Email	click	name=submit
✓ Verify Login with valid Email	click	id=email noshinfarzana681@gmail.com
	type	name=dob 2001-11-30
	click	name=password 123456789
	click	name=cpassword 123456789
	click	name=submit
Command		
Target		
Value		
Description		

Log Reference

• Selenium IDE is recording...

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + http://localhost/

Command	Target	Value
✓ Forgot Password*		
✓ Logout from the System*		
✓ Verify Login with invalid Email		
✓ Verify Login with valid Email a		
1. ✓ open	http://localhost/RestaurantManagementSystem%20-%20Customer/	
2. ✓ set window size	1552x832	
3. ✓ click	linkText=view/	
4. ✓ click	linkText=sign-in.php	
5. ✓ click	css=a > b	
Command		
Target		
Value		
Description		

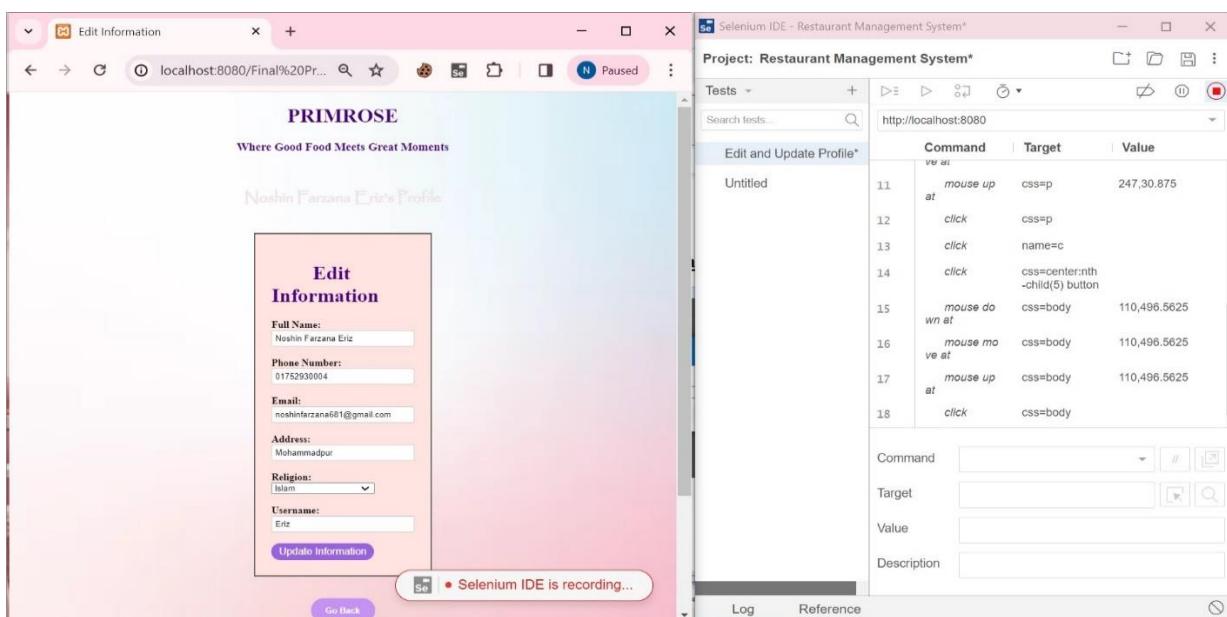
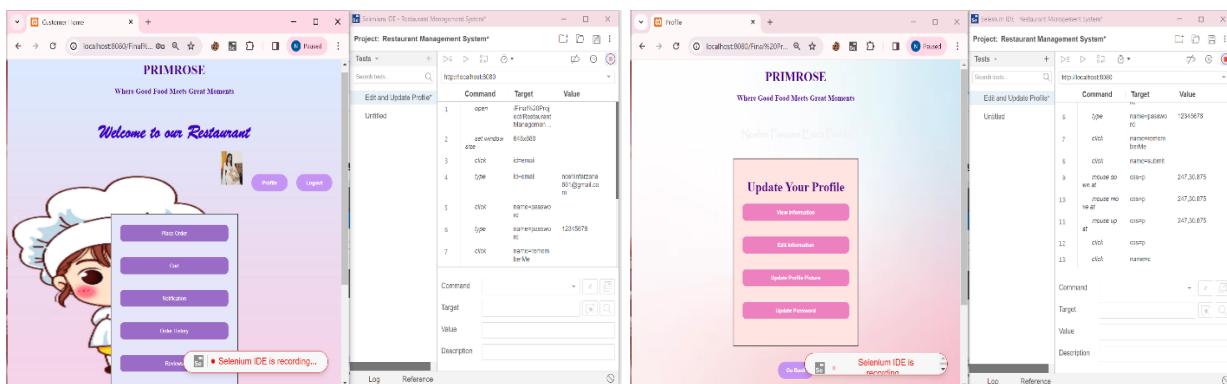
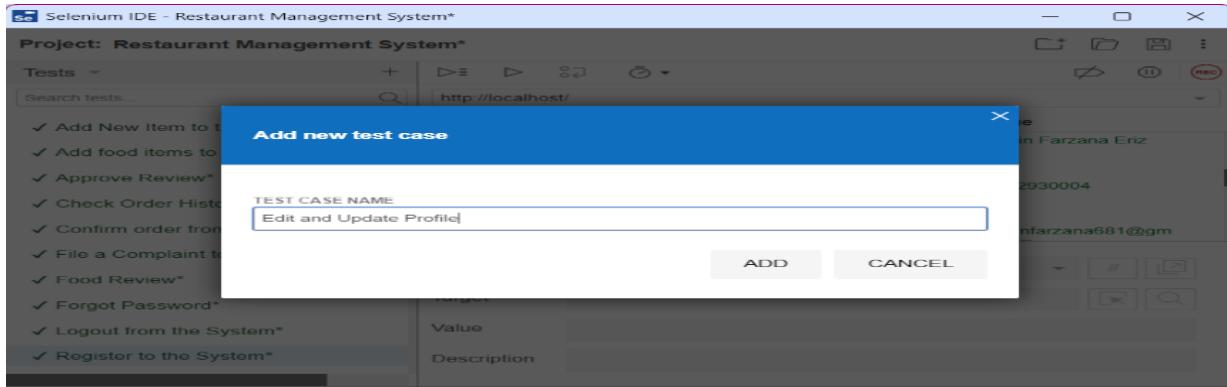
Log Reference

7. type on id=email with value noshinfarzana681@gmail.com OK
8. click on name=submit OK
9. click on name=dob OK
10. type on name=dob with value 2001-11-30 OK
11. click on name=password OK
12. type on name=password with value 123456789 OK
13. click on name=cpassword OK
14. click on name=cpassword OK
15. type on name=cpassword with value 1234567890 OK
16. click on name=cpassword OK
17. type on name=cpassword with value 1234567890 OK
18. click on name=submit OK

'Forgot Password' completed successfully

Test Case 6: Edit and Update Profile (Customer)

At first, a new test case named “Edit and Update Profile” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of Profile Update . After that, the Edit and Update Profile procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.



The screenshot shows a dual-pane interface. On the left, a browser window displays the PRIMROSE website with a profile edit form. The form fields include Full Name (Noshin Farzana Eriz), Phone Number (01752930004), Email (noshinfarzana681@gmail.com), Address (Bashundhara), Religion (Islam), and Username (Farzana). A success message says "Information successfully updated." and an "Update Information" button is visible. On the right, the Selenium IDE interface shows a test titled "Edit and Update Profile". The test log pane lists the following steps:

Step	Command	Target	Value
16	move at	css=body	110,496,5625
17	mouse up	css=body	110,496,5625
18	click	css=body	
19	click	name=address	
20	type	name=address	Bashundhara
21	click	name=username	
22	type	name=username	Farzana
23	click	css=.b4	

The screenshot shows the Selenium IDE interface with the same "Edit and Update Profile" test. The test results pane shows the following status for each step:

Step	Command	Target	Value	Status
19	✓ click	name=address		OK
20	✓ type	name=address	Bashundhara	OK
21	✓ click	name=username		OK
22	✓ type	name=username	Farzana	OK
23	✓ click	css=.b4		OK

The log pane at the bottom shows the command history and a success message:

```

18. click on css=body OK
19. click on name=address OK
20. type on name=address with value Bashundhara OK
21. click on name=username OK
22. type on name=username with value Farzana OK
23. click on css=.b4 OK
'Edit and Update Profile' completed successfully

```

Test Case 7: Search for food items (Customer)

At first, a new test case named “Search for food items” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the searching activities. After that, the Search for food items procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot shows the Selenium IDE interface with two main windows. The top window is titled "Selenium IDE - Restaurant Management System*" and displays a modal dialog titled "Add new test case". The "TEST CASE NAME" field contains "Search for food items". Below the dialog are buttons for "ADD" and "CANCEL". The background of this window shows a list of test cases with checkmarks: "Forgot Password*", "Logout from the S...", "Verify Login with i...", and "Verify Login with v...". The bottom window is also titled "Selenium IDE - Restaurant Management System*" and shows a recorded script in the "Tests" tab. The script details the steps taken to search for food items:

Command	Target	Value
click	name=rememberMe	d(8)
click	name=submit	
click	css=h1	
click	name=b	
click	id=search	
run script	window.scrollTo(0,100)	
run script	window.scrollTo(0,100)	
run script	window.scrollTo(0,99.19999999999999)	9694824219
run script	window.scrollTo(0,99.19999999999999)	9694824219
type	id=search	Pizza

The recorded script includes several scroll and run script commands, likely corresponding to the user's interactions with the search input field and the page content. The Selenium IDE interface also includes tabs for "Log" and "Reference" at the bottom.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + > D ☰ ⌂ ⌂ REC

Search tests... http://localhost/

	Command	Target	Value
✓ Forgot Password*	5 ✓ click	id=email	
✓ Logout from the System*	6 ✓ type	id=email	noshifarzana681@gmail.com
✓ Search for food items*	7 ✓ click	name=password	
✓ Verify Login with invalid Email	8 ✓ type	name=password	1234567890
✓ Verify Login with valid Email a	9 ✓ click	css=form > center:nth-child(8)	

Command Target Value

Target Description

Log Reference

```

10. click on name=rememberMe OK
11. click on name=submit OK
12. click on css=h1 OK
13. click on name=b OK
14. click on id=search OK
15. runScript on window.scrollTo(0,100) OK
16. runScript on window.scrollTo(0,100) OK
17. runScript on window.scrollTo(0,100) OK
18. runScript on window.scrollTo(0.99,19999994824219) OK
19. runScript on window.scrollTo(0.99,19999994824219) OK
20. runScript on window.scrollTo(0.99,19999994824219) OK
21. type on id=search with value Pizza OK
'Search for food items' completed successfully
    
```

22:07:36
22:07:37
22:07:37
22:07:37
22:07:37
22:07:38
22:07:38
22:07:38
22:07:38
22:07:38
22:07:38
22:07:39
22:07:39
22:07:39
22:07:39

Test Case 8: Add food items to the Cart (Customer)

At first, a new test case named “Add food items to the Cart” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of adding food items. After that, the Add food items to the Cart procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays the Selenium IDE interface with three main components:

- Selenium IDE - Restaurant Management System**: Shows the recorded test cases. A dialog box titled "Rename test case" is open over the list, with the "TEST CASE NAME" field containing "Add food items to the Cart".
- Add To Cart**: A browser window showing the "PRIMROSE" restaurant website. A "Pizza" item is selected, and its quantity is set to 2. The "Add To Cart" button is highlighted.
- Selenium IDE - Restaurant Management System**: Shows the recorded script. The command table lists 23 steps, starting with clicking the "Add food items to the Cart" link and ending with clicking the "Add To Cart" button.

The recorded script details:

Step	Command	Target	Value
1	click	name=rememberMe	
2	click	name=submit	
3	click	name=b	
4	click	id=search	
5	type	id=search	p
6	click	linkText>Show Details and Give Review	
7	click	linkText>Add To Cart	
8	click	name=quantity	
9	click	name=quantity	
10	type	name=quantity	2
11	click	css=h1:nth-child(5)	
12	click	linkText>Add To Cart	
13	click	name=quantity	
14	type	name=quantity	2
15	click	linkText>Add To Cart	
16	click	name=quantity	
17	click	name=quantity	
18	type	name=quantity	2
19	click	css=h1:nth-child(5)	
20	click	linkText>Add To Cart	
21	click	name=quantity	
22	type	name=quantity	2
23	click	css=b3	

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests +

http://localhost/

Command	Target	Value
1 ✓ open	http://localhost/RestaurantManagementSystem%20-%20Customer/	
2 ✓ set window size	784x816	
3 ✓ click	linkText=view/	
4 ✓ click	linkText=sign-in.php	
5 ✓ click	id=email	

Command

Target

Value

Description

Log Reference

6. type on id=email with value noshinfarzana681@gmail.com OK 22:25:48
7. click on name=password OK 22:25:48
8. type on name=password with value 1234567890 OK 22:25:49
9. click on name=rememberMe OK 22:25:49
10. click on name=submit OK 22:25:49
11. click on name=b OK 22:25:49
12. click on css=tr:nth-child(0) a OK 22:25:50
13. click on linkText=Add To Cart OK 22:25:50
14. click on name=quantity OK 22:25:52
15. click on name=quantity OK 22:25:53
16. type on name=quantity with value 2 OK 22:25:53
17. click on css=b3 OK 22:25:53
'Add food items to the Cart' completed successfully 22:25:53

Test Case 9: Confirm Order from the Cart (Customer)

At first, a new test case named “Confirm Order from the Cart” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of confirmation. After that, the Confirm Order from the Cart procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The figure consists of three vertically stacked screenshots of the Selenium IDE interface, showing the process of creating a test case, recording actions, and running the recorded test.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Add new test case

TEST CASE NAME: Confirm order from the Cart

ADD CANCEL

Tests

- ✓ Add food items to the Cart*
- ✓ Forgot Password*
- ✓ Logout from the System*
- ✓ Search for food items*
- ✓ Verify Login with invalid Email and Pass*
- ✓ Verify Login with valid Email and Pass*

Value

Description

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Cart

PRIMROSE
Where Good Food Meets Great Moments

Cart

Item Name	Quantity	Price	Action
Pizza	2	1600.00000	Remove From Cart

[Confirm Order & See Total Bill](#)

[Go Back](#)

About Us

Address: Level 2, Dhaan Tower, Sector 12, Dhaan Tower
Established in 2003, we have set out on a culinary journey to bring the finest flavors, exceptional service, and a welcoming atmosphere to your table.

Selenium IDE is recording

Commands Recorded:

Command	Target	Value
click	linkText:sign-in.php	
click	id=email	
run script	window.scrollTo(0,0)	
type	id=email	noshifarzana681@gmail.com
click	name=password	
type	name=password	1234567890
click	name=rememberMe	
click	name=submit	
click	css=center:nth-child(4) button	

Log Reference

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Confirm Order

PRIMROSE
Where Good Food Meets Great Moments

Confirm Order Page

Total Bill: 1600.00000

Enter Your Password To Confirm Order

[Confirm Order](#)

[Go Back](#)

About Us

Address: Level 2, Dhaan Tower, Sector 12, Dhaan Tower
Established in 2003, we have set out on a culinary journey to bring the finest flavors, exceptional service, and a welcoming atmosphere to your table.

Thank you for choosing our Restaurant.

Selenium IDE is recording

Commands Recorded:

Command	Target	Value
run script	window.scrollTo(0,0)	
run script	window.scrollTo(0,0)	
run script	window.scrollTo(0,0)	
type	id=email	noshifarzana881@gmail.com
click	name=password	
type	name=password	1234567890
click	name=rememberMe	
click	name=submit	
click	css=center:nth-child(4) button	
click	linkText=Confirm Order & See Total Bill	
click	name=password	
click	name=password	

Log Reference

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests +

search tests...

http://localhost/

	Command	Target	Value
✓ Add food items to the Cart*	run script	window.scrollTo(0,0)	
Confirm order from the Cart*	10 type	id=email	noshinfarzana681@gmail.com
✓ Forgot Password*	11 click	name=password	
✓ Logout from the System*	12 click	name=rememberMe	1234567890
✓ Search for food items*	13 click	name=submit	
✓ Verify Login with invalid Email and Pass	14 click	css=center:nth-child(4) button	
✓ Verify Login with valid Email and Pass	15 click	linkText=Confirm Order & See Total Bill	
	16 click	name=password	
	17 click	name=password	
	18 click	name=rememberMe	1234567890
	19 type	name=password	
	20 click	css=b3	
	21 click		

Command

Target

Value

Description

Log Reference

Selenium IDE is running.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Executing +

✓ Confirm order from the Cart*

http://localhost/

	Command	Target	Value
6 ✓ type	id=email	noshinfarzana681@gmail.com	
7 ✓ click	name=password		
8 ✓ type	name=password	1234567890	
9 ✓ click	name=rememberMe		
10 ✓ click	name=submit		

Command

Target

Value

Description

Runs: 1 Failures: 0

Log Reference

```

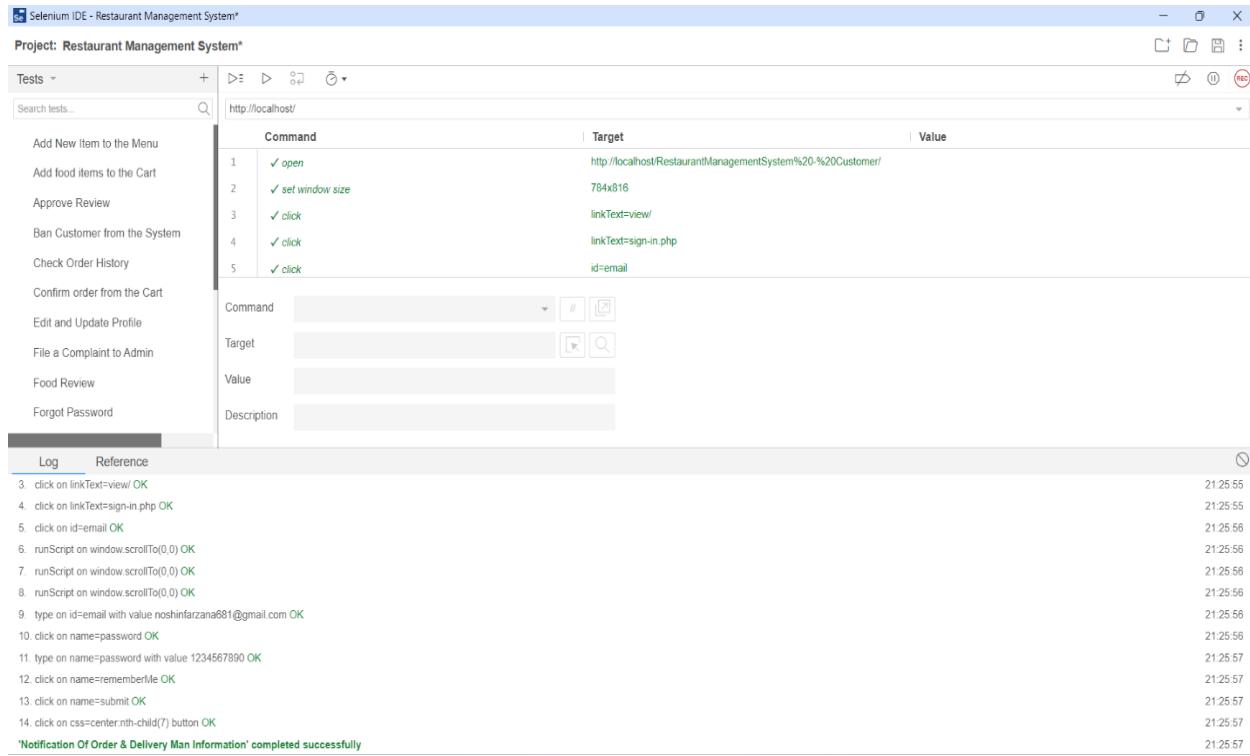
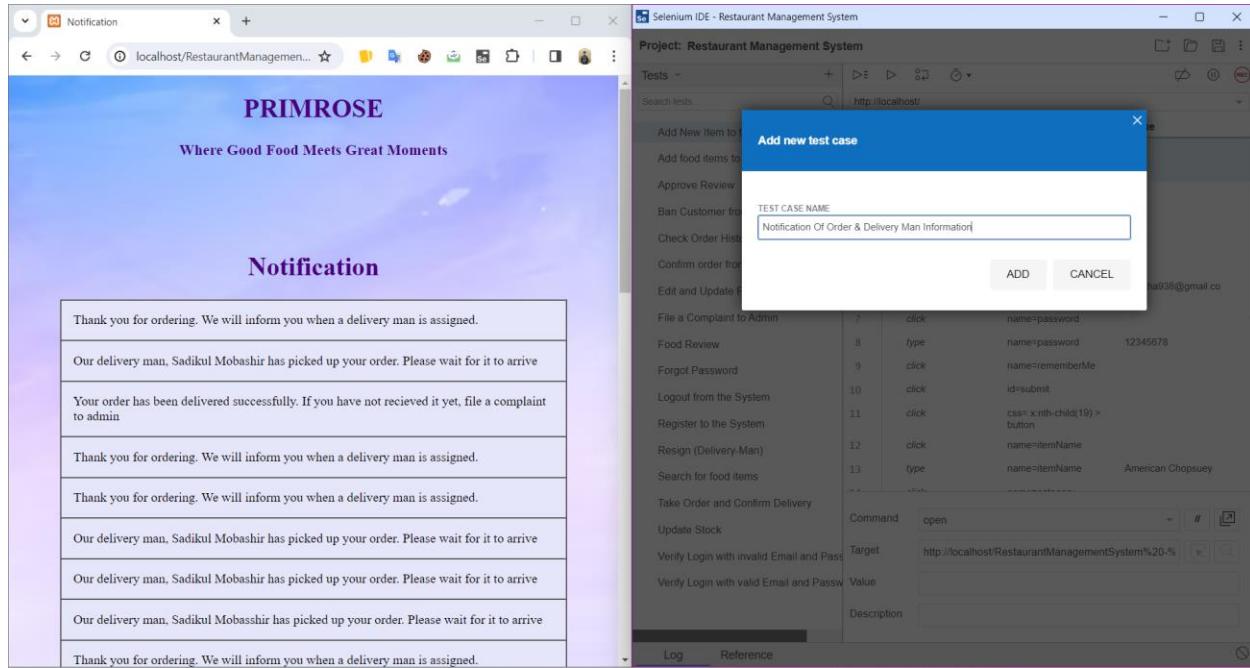
4. click on linkText=sign-in.php OK
5. click on id=email OK
6. type on id=email with value noshinfarzana681@gmail.com OK
7. click on name=password OK
8. type on name=password with value 1234567890 OK
9. click on name=rememberMe OK
10. click on name=submit OK
11. click on css=center:nth-child(4) button OK
12. Trying to find linkText=Remove From Cart... OK
Warning Element found with secondary locator xpath=/a. To use it by default, update the test step to use it as the primary locator
13. Trying to find linkText=Confirm Order & See Total Bill... OK
Warning Element found with secondary locator xpath=/center[3]/a. To use it by default, update the test step to use it as the primary locator
'Confirm order from the Cart' completed successfully

```

22:49:14
22:49:14
22:49:14
22:49:15
22:49:15
22:49:15
22:49:15
22:49:16
22:49:16
22:49:46
22:49:46
22:50:17
22:50:17

Test Case 10: Notification of Order & Delivery Man Information (Customer)

At first, a new test case named “Notification of Order & Delivery Man Information” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of notification. After that, the Notification of Order & Delivery Man Information procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.



Test Case 11: Take Order and Confirm Delivery (Delivery Man)

At first, a new test case named “Take Order and Confirm Delivery” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of order taking and delivery. After that, the Take Order and Confirm Delivery procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays the Selenium IDE interface across four windows:

- Top Left Window:** Shows the "Add new test case" dialog with the "TEST CASE NAME" field containing "Take Order and Confirm Delivery".
- Top Right Window:** Shows the recorded Selenium script with commands 7 through 11, corresponding to actions like clicking "Take Order" and "Mark As Delivered".
- Middle Left Window:** Shows the "Order List" page with a table row for "Noshin Farzana Eriz" and buttons for "Show Customer Details" and "Take Order".
- Middle Right Window:** Shows the recorded Selenium script with commands 10 through 12, corresponding to actions like clicking "Mark As Delivered".
- Bottom Left Window:** Shows the "Order List" page with the same table row and buttons, but the "Take Order" button is now highlighted.
- Bottom Right Window:** Shows the recorded Selenium script with commands 2 through 7, corresponding to actions like setting window size and logging in.

The bottom section of the interface shows the "Executing" status bar with "Take Order and Confirm Delivery" selected, and the "Log" and "Reference" tabs below the script table.

Test Case 12: Food Review (Customer)

At first, a new test case named “Food Review” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of posting reviews. After that, the Food Review procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The figure consists of three vertically stacked screenshots. The top screenshot shows the Selenium IDE's 'Add new test case' dialog box with 'Food Review' entered as the test case name. The middle screenshot shows the Selenium IDE recording a series of commands for a food review, with the browser window displaying the 'Item Details & Review Page' of a restaurant. The bottom screenshot shows the recorded test case being run, with the browser window showing a message that the review is pending manager approval.

Selenium IDE - Restaurant Management System*
Project: Restaurant Management System

Add new test case

TEST CASE NAME: Food Review

ADD CANCEL

Tests

- ✓ Add food items to the Cart*
- ✓ Confirm order from the Cart*
- ✓ Forgot Password*
- ✓ Logout from the System*
- ✓ Search for food items*
- ✓ Verify Login with invalid Email and Pass*
- ✓ Verify Login with valid Email and Pass*

Value

Description

Item Details & Review Page
localhost/RestaurantManag...

PRIMROSE
Where Good Food Meets Great Moments

Item Details & Review Page

Pizza
Category: Fair Food
Price : 100

Add To Cart

Reviews

Post Review

About Us

Address: Level - 5, Dhaka Mall, 2, Dhaka 1000
Phone: 01711234567
Established in 2000, we have set out on a culinary journey to bring the finest flavors, exceptional service, and a welcoming ambiance to your table.
Thank you for choosing our Restaurant.

Selenium IDE is recording.

Selenium IDE - Restaurant Management System*
Project: Restaurant Management System*

Tests

- ✓ Add food items to the Cart*
- ✓ Confirm order from the Cart*
- Food Review*
- ✓ Forgot Password*
- ✓ Logout from the System*
- ✓ Search for food items*
- ✓ Verify Login with invalid Email and Pass*
- ✓ Verify Login with valid Email and Pass*

Command Target Value

3	click	linkText=review/
4	click	linkText=sign-in.php
5	click	id=email
6	type	id=email
7	click	name=password
8	type	name=password
9	click	name=rememberMe
10	click	name=submit
11	click	css=center:nth-child(1) button
12	click	css=tr:nth-child(6) > td:nth-child(5)
13	click	css=tr:nth-child(6) a
14	click	name=review
15	type	name=review
		Delicious!

Command Target Value

Target

Value

Description

Log Reference

Item Details & Review Page
localhost/RestaurantManag...

PRIMROSE
Where Good Food Meets Great Moments

Item Details & Review Page

Pizza
Category: Fair Food
Price : 100

Add To Cart

Reviews

Post Review

Review is pending for manager approval.

About Us

Address: Level - 5, Dhaka Mall, 2, Dhaka 1000
Phone: 01711234567
Established in 2000, we have set out on a culinary journey to bring the finest flavors, exceptional service, and a welcoming ambiance to your table.
Thank you for choosing our Restaurant.

Selenium IDE is recording.

Selenium IDE - Restaurant Management System*
Project: Restaurant Management System*

Tests

- ✓ Add food items to the Cart*
- ✓ Confirm order from the Cart*
- Food Review*
- ✓ Forgot Password*
- ✓ Logout from the System*
- ✓ Search for food items*
- ✓ Verify Login with invalid Email and Pass*
- ✓ Verify Login with valid Email and Pass*

Command Target Value

4	click	linkText=sign-in.php
5	click	id=email
6	type	id=email
7	click	name=password
8	type	name=password
9	click	name=rememberMe
10	click	name=submit
11	click	css=center:nth-child(1) button
12	click	css=tr:nth-child(6) > td:nth-child(5)
13	click	css=tr:nth-child(6) a
14	click	name=review
15	type	name=review
		Delicious!
16	click	name=submit

Command Target Value

Target

Value

Description

Log Reference

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + | D: | D: | O: | C: | X: |

Search tests... Q: http://localhost/

	Command	Target	Value
1	✓ open	http://localhost/RestaurantManagementSystem%20-%20Customer/	
2	✓ set window size	784x816	
3	✓ click	linkText:view/	
4	✓ click	linkText=sign-in.php	
5	✓ click	id=email	

Command // (P) Target (X) (Q) Value Description

Log Reference

- 5. click on id=email OK 22:57:02
- 6. type on id=email with value noshinfarzana681@gmail.com OK 22:57:02
- 7. click on name=password OK 22:57:02
- 8. type on name=password with value 1234567890 OK 22:57:03
- 9. click on name=rememberMe OK 22:57:03
- 10. click on name=submit OK 22:57:03
- 11. click on css=center:nth-child(13) button OK 22:57:03
- 12. click on css=tr:nth-child(6) > td:nth-child(5) OK 22:57:04
- 13. click on css=tr:nth-child(6) a OK 22:57:05
- 14. click on name=review OK 22:57:06
- 15. type on name=review with value Delicious! OK 22:57:09
- 16. click on name=submit OK 22:57:10

'Food Review' completed successfully 22:57:11

Test Case 13: Approve Review (Manager)

At first, a new test case named “Approve Review” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of approving review. After that, the Approve Review procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The figure consists of three vertically stacked screenshots of the Selenium IDE interface, all titled "Selenium IDE - Restaurant Management System".

- Screenshot 1:** Shows the "Add new test case" dialog box. The "TEST CASE NAME" field contains "Approve Review". Below it are "ADD" and "CANCEL" buttons. The background shows a list of test cases on the left and a command table on the right.
- Screenshot 2:** Shows the "Pending Review List" page. It displays a table with one row: "Item Name" (Pizza), "Customer Name" (Eric), "Review" (Delicious!), and "Action" (a blue link labeled "Approve Review"). The background shows the recorded Selenium IDE steps on the right, which include clicking on the "Approve Review" link.
- Screenshot 3:** Shows the results of the test execution. The log table at the bottom lists 12 recorded steps, each with a green checkmark indicating success. The final message in the log is "'Approve Review' completed successfully".

Test Case 14: Check Order History (Customer)

At first, a new test case named “Check Order History” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of checking order history. After that, the Check Order History procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays three windows related to the Selenium IDE and a web browser:

- Selenium IDE - Restaurant Management System***: Shows the 'Project: Restaurant Management System*' and a list of recorded tests. The 'Check Order History' test is currently selected.
- Add new test case**: A modal dialog where 'TEST CASE NAME' is set to 'Check Order History'. It has 'ADD' and 'CANCEL' buttons.
- Order History**: A web browser window showing the PRIMROSE restaurant website's order history page. The table lists several orders placed by 'Noshin Farzana Eriz' to 'Sadikul Mobsur' at 'Mohammadpur'. The last entry is from '29-02-2024'.
- Test Log and Reference**: The recorded Selenium script for 'Check Order History'. It includes:
 - Commands: open, set window size, click, click, click, type.
 - Targets: http://localhost/R...Customer/, linkText=view/, linkText=sign-in.php, id=email, name=password, name=rememberMe, name=submit.
 - Values: noshinfarzana681@gmail.com, 1234567890.
 - Log: Shows the execution of each command with timestamps (e.g., 23:37:09, 23:37:10).
 - Reference: Points to the 'Order and Confirm Delivery' section of the recorded script.

Test Case 15: File a Complaint to Admin (Customer)

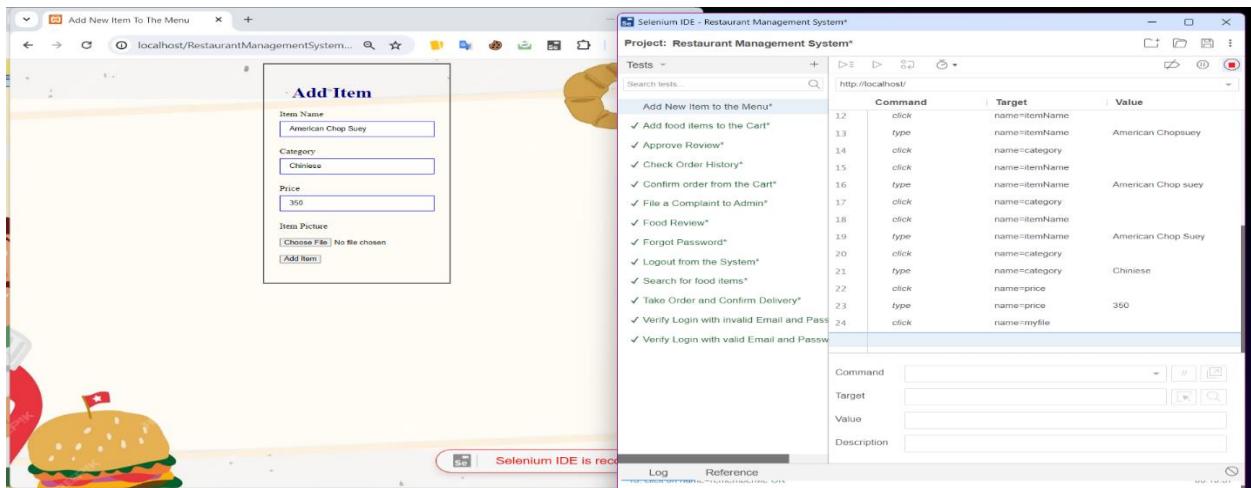
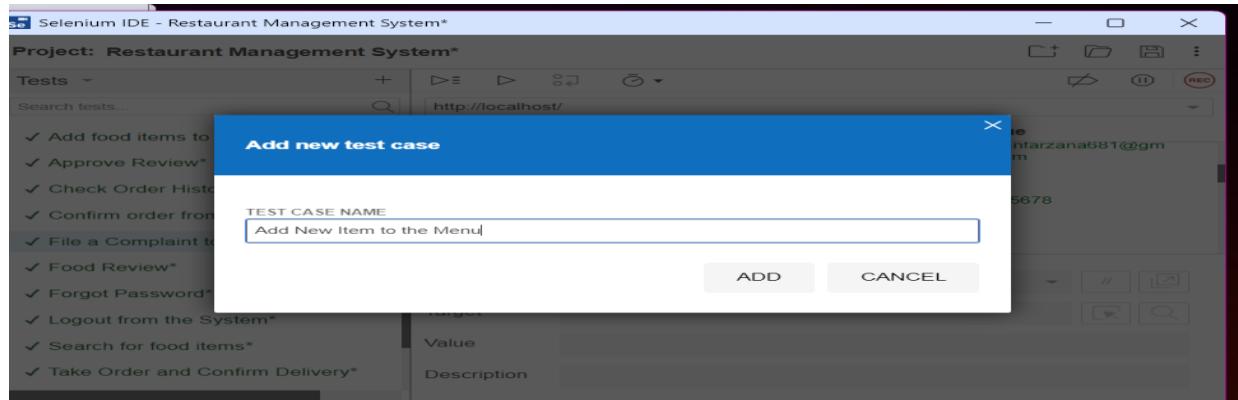
At first, a new test case named “File a Complaint to Admin” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of filing complaint. After that, the File a Complaint to Admin procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays three windows related to the Selenium IDE and a web browser:

- Selenium IDE - Restaurant Management System**: Shows the "Rename test case" dialog with the new name "File a Complaint to Admin".
- Project: Restaurant Management System**: Shows the test list with the newly renamed test case.
- Complaint**: A browser window showing the "Write a complaint to admin" page. The page has a message: "Please, try to Deliver the order faster." and a "Submit" button.
- Selenium IDE - Restaurant Management System***: Shows the recorded test steps:
 - File a Complaint to Admin*
 - Food Review*
 - Forgot Password*
 - Logout from the System*
 - Search for food items*
 - Take Order and Confirm Delivery*Step 24 is highlighted with a value: "Please, try to Deliver the order faster."
- Selenium IDE - Restaurant Management System***: Shows the full recorded test log with step details and timestamps.

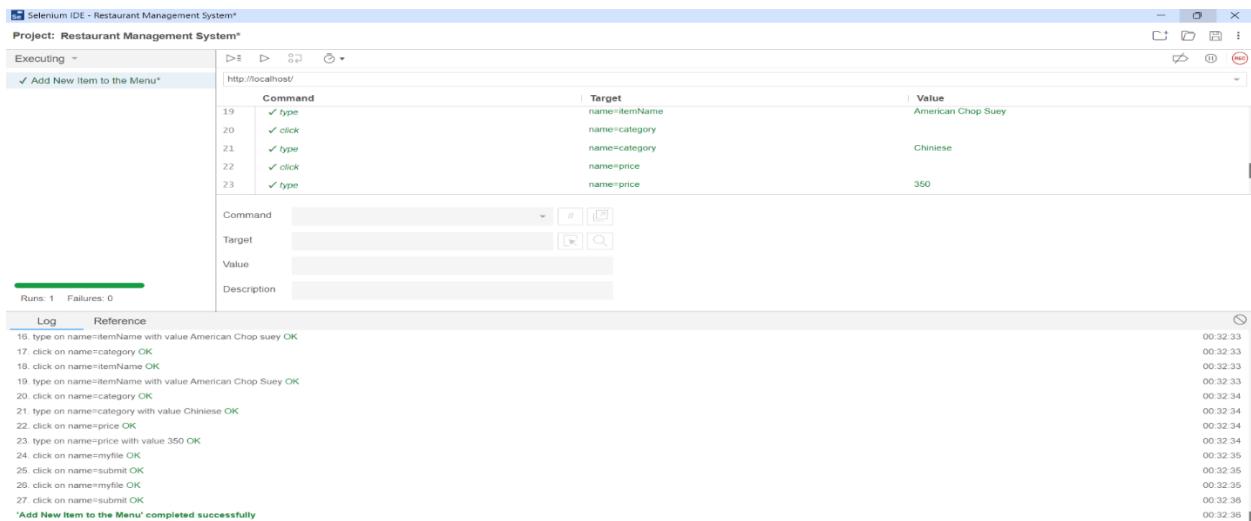
Test Case 16: Add New Item to the Menu (Admin)

At first, a new test case named “Add New Item to the Menu” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of adding items. After that, the Add New Item to the Menu procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.



The screenshot shows the Selenium IDE interface with the recorded test case "Add New Item to the Menu". The test case details are as follows:

Command	Target	Value
12 click	name=itemName	American Chop Suey
13 type	name=itemName	American Chop suey
14 click	name=category	
15 click	name=itemName	
16 type	name=itemName	American Chop suey
17 click	name=category	
18 type	name=itemName	American Chop Suey
19 type	name=itemName	American Chop Suey
20 click	name=category	
21 click	name=itemName	Chiniese
22 click	name=price	
23 type	name=price	350
24 click	name=myfile	



The screenshot shows the Selenium IDE interface during the execution of the recorded test case. The log at the bottom indicates that the test case completed successfully.

Log:

```
10. type on name:itemName with value American Chop suey OK
17. click on name:category OK
18. click on name:itemName
19. type on name:itemName with value American Chop Suey OK
20. click on name:category OK
21. type on name:category with value Chiniese OK
22. click on name:price OK
23. type on name:price with value 350 OK
24. click on name:myfile OK
25. click on name:submit OK
26. click on name:myfile OK
27. click on name:submit OK
'Add New Item to the Menu' completed successfully
```

Reference:

Command	Target	Value
19 ✓ type	name=itemName	American Chop Suey
20 ✓ click	name=category	
21 ✓ type	name=itemName	Chiniese
22 ✓ click	name=price	
23 ✓ type	name=price	350

Test Case 17: Update Stock (Manager)

At first, a new test case named “Update Stock” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of updating stock. After that, the Update Stock procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays the Selenium IDE interface with three main windows:

- Selenium IDE - Restaurant Management System**: Shows the recorded test script. The test case "Update Stock" has been renamed. The script includes steps like opening the browser, setting window size, clicking on View, logging in, and updating stock.
- Update Stock**: A screenshot of the browser showing the "Update Stock" page. It displays a message "Stock of American Chop Suey: 100" and "Stock successfully updated".
- Selenium IDE - Restaurant Management System***: Shows the recorded test script and the log of executed commands. The log details each step from opening the browser to updating the stock value.

Renamed Test Case Dialog

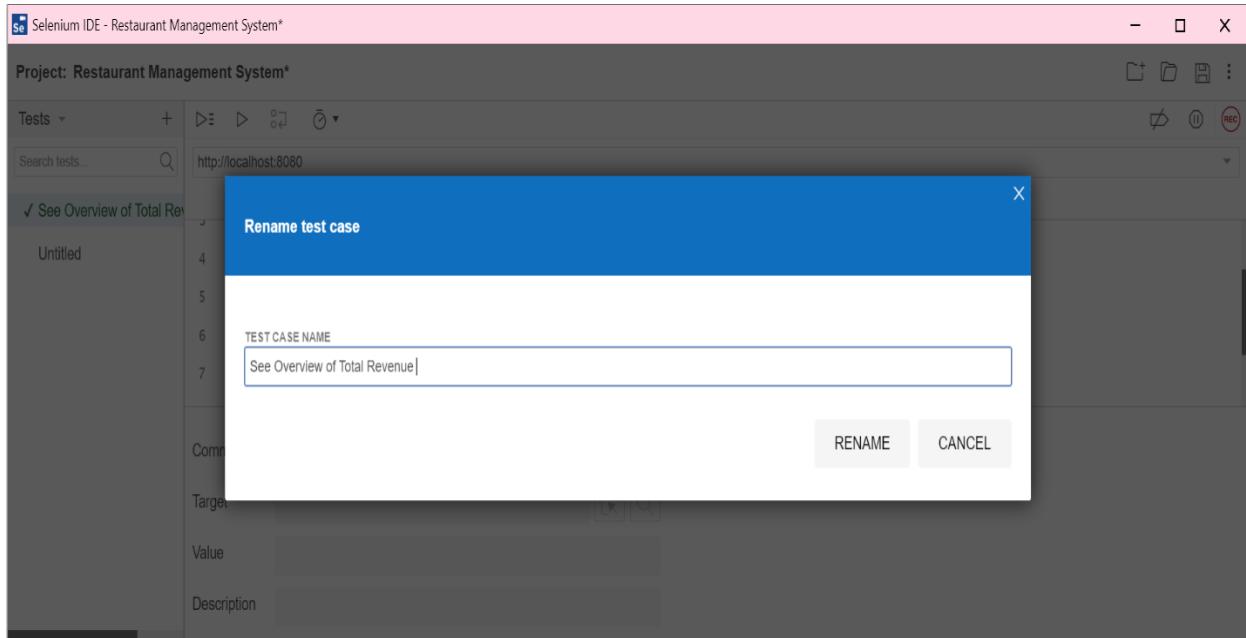
TEST CASE NAME
Update Stock

Test Script Log (Bottom Window)

Log	Reference	Time
6. type on name=email with value arn1@gmail.com	OK	00:38:46
7. click on id=password	OK	00:38:46
8. type on id=password with value 12345678	OK	00:38:47
9. click on name=rememberMe	OK	00:38:47
10. click on id=login	OK	00:38:47
11. click on linkText=Update Stock	OK	00:38:47
12. click on id=item	OK	00:38:48
13. type on id=item with value A	OK	00:38:48
14. click on css:tr:nth-child(7) a	OK	00:38:48
15. click on name=stock	OK	00:38:48
16. type on name=stock with value 100	OK	00:38:48
17. click on name=submit	OK	00:38:49
'Update Stock' completed successfully		

Test Case 18: See Overview of Total Revenue (Manager)

At first, a new test case named “See Overview of Total Revenue” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of overview. After that, the Overview of Total Revenue procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.



The screenshot displays two windows side-by-side. On the left is the 'Manager Home' application window, which features a delivery person icon on a scooter, a profile picture placeholder, and several buttons: 'Logout', 'View All Delivery Person', 'Recruit Delivery Person', 'Overview', 'Update Stock', and 'Approve Customer Review'. On the right is the Selenium IDE test editor window, titled 'Project: Restaurant Management System*'. It shows a table of recorded test steps:

	Command	Target	Value
Untitled	5	click	id=password
	6	type	id=password
	7	click	name=rememberMe
	8	click	id=login

Below the table are four input fields for 'Command', 'Target', 'Value', and 'Description', each with a corresponding icon. The 'Command' field contains 'click', 'Target' contains 'id=password', 'Value' contains '12345678', and 'Description' is empty.

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + | Command | Target | Value

Untitled	6	type	id=password	12345678
	7	click	name=rememberMe	
	8	click	id=login	
	9	click	linkText=Overview	

Number of Customers : 10
Number of Delivery Persons : 2
Number of Items : 22
Number of Orders : 13
Total Revenue : 24150

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + | Command | Target | Value

Untitled	4	✓ type	name=email	zelan123@gmail.com
	5	✓ click	id=password	
	6	✓ type	id=password	12345678
	7	✓ click	name=rememberMe	

Command | Target | Value

Target | Value

Description

Log Reference

Running 'See Overview of Total Revenue'

```

1. open on /Final%20Project/RestaurantManagementSystem%20-%20manager/View/sign-in.php OK
2. setWindowSize on 659x687 OK
3. click on name=email OK
4. type on name=email with value zelan123@gmail.com OK
5. click on id=password OK

```

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Tests + | Command | Target | Value

Untitled	4	✓ type	name=email	zelan123@gmail.com
	5	✓ click	id=password	
	6	✓ type	id=password	12345678
	7	✓ click	name=rememberMe	

Command | Target | Value

Target | Value

Description

Log Reference

```

4. type on name=email with value zelan123@gmail.com OK
5. click on id=password OK
6. type on id=password with value 12345678 OK
7. click on name=rememberMe OK
8. click on id=login OK
9. click on linkText=Overview OK

```

'See Overview of Total Revenue' completed successfully

Test Case 19: Ban Customer from the System (Admin)

At first, a new test case named “Ban Customer from the System” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of ban customer. After that, the Ban Customer from the System procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot shows the Selenium IDE interface with two main windows. The top window displays the 'Add new test case' dialog with the test case name 'Ban Customer from the System'. The bottom window shows the 'Customer List' page of the Restaurant Management System, where multiple customers are listed with their names, usernames, emails, and actions. A specific row for 'Noshin Farzana Eriz' is selected. The bottom window also shows the recorded Selenium script and the log of executed commands.

Customer List

Name	Username	Email	Action
Noshin Farzana Eriz	Eriz	noshinfarzana681@gmail.com	Ban Customer
Zahed Khan	Zahed	zahed1@gmail.com	Ban Customer
Tarikul Islam	Tarikul	tarikul12@gmail.com	Ban Customer
Evan Sanim	Evan	evan12@gmail.com	Ban Customer
Ridhita Ratri	Ratri	ridhita123@gmail.com	Ban Customer

Selenium IDE - Restaurant Management System*

Project: Restaurant Management System*

Executing: ✓ Ban Customer from the System*

http://localhost/

Command	Target	Value
6 ✓ type	name=email	
7 ✓ click	name=password	
8 ✓ type	name=password	12345678
9 ✓ click	name=rememberMe	
10 ✓ click	id=submit	

Log Reference

```
1. open on http://localhost/RestaurantManagementSystem%20-%20Admin/ OK
2. setWindowSize on 783x816 OK
3. click on linkText:View/ OK
4. click on linkText:sign-in.php OK
5. click on name=email OK
6. type on name=email with value avisaha938@gmail.com OK
7. click on name=password OK
8. type on name=password with value 12345678 OK
9. click on name=rememberMe OK
10. click on id=submit OK
11. click on css=x:nth-child(13) > button OK
12. click on css=r:nth-child(3) a OK
'Ban Customer from the System' completed successfully
```

Test Case 20: Recruit Manager to the System (Admin)

At first, a new test case named “Recruit Manager to the System” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of recruiting. After that, the Recruit Manager to the System procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot displays the Selenium IDE interface with two main windows. The top window shows a web browser with a restaurant management system's admin dashboard. The dashboard features a sidebar with various buttons like 'View All Customer', 'View All Manager', etc., and a main content area with a red ribbon graphic. A modal dialog titled 'Add new test case' is open, containing a 'TEST CASE NAME' input field with the value 'Recruit Manager to the System'. Below the input field are 'ADD' and 'CANCEL' buttons. The bottom window shows the Selenium IDE's test log. It lists a series of recorded commands, their targets, and values. The log includes entries such as:

Log	Reference	Date
3. click on linkText:view/ OK		21:25:55
4. click on linkText:sign-in.php OK		21:25:55
5. click on id=email		21:25:56
6. runScript on window.scrollTo(0,0) OK		21:25:56
7. runScript on window.scrollTo(0,0) OK		21:25:56
8. runScript on window.scrollTo(0,0) OK		21:25:56
9. type on id=email with value noshifarzana681@gmail.com OK		21:25:56
10. click on name=password OK		21:25:56
11. type on name=password with value 1234567890 OK		21:25:57
12. click on name=rememberMe OK		21:25:57
13. click on name=submit OK		21:25:57
14. click on css=button:nth-child(7) button OK		21:25:57

The test log also shows the completion message: 'Recruit Manager to the System' completed successfully.

Test Case 21: Resign (Delivery Man)

At first, a new test case named “Resign (Delivery Man)” was added in the Selenium IDE. Then, REC button was clicked to provide the URL of the project and record the activities of resigning. After that, the Resign procedure was completed through the website. Finally, the recording was stopped and the test case was run successfully.

The screenshot shows the Selenium IDE interface with three main windows:

- Selenium IDE - Restaurant Management System**: Shows the recorded test cases. A modal window titled "Rename test case" is open, displaying the current name "Resign (Delivery-Man)".
- Confirm Order**: A browser window showing the "Resign" page. It has a password input field and a "Resign" button.
- Selenium IDE - Restaurant Management System***: Shows the recorded steps for the "Resign (Delivery-Man)" test case. The steps include opening the browser, setting window size, clicking on various elements like email and password inputs, and finally clicking the "Resign" button.

The recorded steps for the "Resign (Delivery-Man)" test case are as follows:

- open http://localhost/RestaurantManagementSystem%20-%20Delivery%20Man/sign-in.php OK
- setWindowSize on 787x816 OK
- click on id=email OK
- type on id=email with value sadik1@gmail.com OK
- click on id=password OK
- type on id=password with value 12345678 OK
- click on id=sign-in-btn OK
- click on linkText=Resign OK
- click on id=input OK
- type on id=input with value 12345678 OK
- click on id=resign OK

A status message at the bottom of the log indicates: "Resign (Delivery-Man) completed successfully".